

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	24	phase adj rotator with (parameter\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/19 17:51
L2	2	"6128114".pn. "5715280".pn.	US-PGPUB; USPAT	OR	OFF	2006/01/19 18:08
L3	0	2 and adaptive	US-PGPUB; USPAT	OR	OFF	2006/01/19 18:31
L4	0	2 and slic\$3	US-PGPUB; USPAT	OR	OFF	2006/01/19 18:31
L5	1	down adj1 convert\$3 with ((filter and (a adj1 d) and equalizer and decod\$3))	US-PGPUB; USPAT	OR	OFF	2006/01/19 19:04
L6	29	in adj1 phase with slic\$3	US-PGPUB; USPAT	OR	OFF	2006/01/19 19:17
L7	23	6 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2006/01/19 19:17
L8	2969	decod\$3 with slic\$3	US-PGPUB; USPAT	OR	OFF	2006/01/19 19:13
L9	204	quadrature with slic\$3	US-PGPUB; USPAT	OR	OFF	2006/01/19 19:17
L10	1784	8 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2006/01/19 19:17
L11	146	9 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2006/01/19 19:17
L12	25	11 and sine and cosine	US-PGPUB; USPAT	OR	OFF	2006/01/19 19:17
S1	0	0554056a2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/10 08:36
S2	3	"0554056"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 08:42
S3	0	"ep 0554056"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 08:42
S4	2	"ep 554056"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 08:51
S5	2	"5432786".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 11:10

S6	2	"6452945".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 08:54
S7	2	"6529303".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 08:55
S8	2	"6407843".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 08:56
S9	2	"5796783".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 09:30
S10	0	Pct/us02/22339.PCT.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 09:32
S11	0	Pct/us02/022339.PCT.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 09:32
S12	0	"22339".PCT.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 10:45
S13	866	375/260.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 10:46
S14	35	S13 and parallel near (transmission or transmitter\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 10:51
S15	30	S14 and @ad<="20010711"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 10:51
S16	0	S15 and separate near (frequencny adj channel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 10:48
S17	0	S15 and separate near (frequency adj channel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 10:48

S18	3	S15 and (frequency adj channel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 10:52
S19	726	375/285.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 10:51
S20	8	S19 and parallel near (transmission or transmitter\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 10:51
S21	6	S20 and @ad<="20010711"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 10:51
S22	3	S21 and (frequency adj channel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 10:52
S23	6	"5432786".pn. "5999575".pn. "6246664".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 11:11
S24	0	(multi adj2 user) with adapitve adj filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 14:24
S25	0	(multi adj2 user) near (adapitve adj filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 14:24
S26	0	(multi adj2 user) near (adaptive adj filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 14:25
S27	68	(multi adj2 user) and (adaptive adj filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 14:25
S28	26	S27 and (multi adj2 user) adj detect\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 14:25
S29	3	S28 and @ad<="19990225"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 14:28

S30	2	"5,343,496".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 14:34
S31	1	S30 and multi near user\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/22 14:34
S32	2	"6407843".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/23 12:37
S33	3	"9945683"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/09 14:18
S34	2	"6246664".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/23 15:34
S35	2	"6452945".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/23 15:35
S36	2	"6529303".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/23 15:35
S37	2	"6407843".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/23 15:36
S38	5	(US-5999575-\$ or US-6246664-\$ or US-6452945-\$ or US-6529303-\$ or US-6407843-\$).did.	USPAT	OR	OFF	2004/11/23 16:57
S39	380	370/480.ccls.	USPAT	OR	OFF	2004/11/23 16:57
S40	7	S39 and parallel near (transmit\$4 or transceiver\$1 or transmission)	USPAT	OR	OFF	2004/11/23 17:12
S41	4	S40 and (add\$3 or accumul\$3)	USPAT	OR	OFF	2004/11/23 17:13
S42	4	S41 and @ad<="20010711"	USPAT	OR	OFF	2004/11/23 17:13
S43	248	serdes	USPAT	OR	OFF	2004/11/23 17:08
S44	5	S43 and fr4	USPAT	OR	OFF	2004/11/23 17:08
S45	1	S44 and @ad<="20010711"	USPAT	OR	OFF	2004/11/23 17:12
S46	0	323/103.ccls.	USPAT	OR	OFF	2004/11/23 17:12
S47	435	332/103.ccls.	USPAT	OR	OFF	2004/11/23 17:12
S48	0	S47 and serdes	USPAT	OR	OFF	2004/11/23 17:12

S49	0	S48 and parallel near (transmit\$4 or transceiver\$1 or transmission)	USPAT	OR	OFF	2004/11/23 17:13
S50	13	S47 and parallel near (transmit\$4 or transceiver\$1 or transmission)	USPAT	OR	OFF	2004/11/23 17:13
S51	11	S50 and (add\$3 or accumulat\$3)	USPAT	OR	OFF	2004/11/23 17:13
S52	11	S51 and @ad<="20010711"	USPAT	OR	OFF	2004/11/23 17:17
S53	732	transmitter with (parallel near data)	USPAT	OR	OFF	2004/11/23 17:18
S54	61	S53 and ((plural or multi or multiple) adj channel\$1)	USPAT	OR	OFF	2004/11/23 17:18
S55	59	S54 and @ad<="20010711"	USPAT	OR	OFF	2004/11/23 17:19
S56	14	S55 and carrier adj frequenc\$3	USPAT	OR	OFF	2004/11/23 17:20
S57	92670	S56 and bit allocat\$3	USPAT	OR	OFF	2004/11/23 17:19
S58	0	S56 and (bit adj allocat\$3)	USPAT	OR	OFF	2004/11/23 17:20
S59	0	S56 and modulators	USPAT	OR	OFF	2004/11/23 17:20
S60	32	("4061577" "4701904" "4704715" "4953156" "5018135" "5111323" "5134609" "5278824" "5311501" "5351148" "5387927" "5430568" "5461612" "5488500" "5559561" "5564021" "5576874" "5596436" "5612805" "5680238" "5701186" "5896387" "5930231" "6078412" "6111676" "6144428" "6144786" "6201788" "6288808" "6335810" "6407843" "6452945").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/23 17:36
S61	174	(parallel near (transmitting or transmission)) with (serial adj data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:04
S62	38	S61 and (different or plural or multiple) adj frequenc\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:31
S63	33	S62 and @ad<="20010711"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:08
S64	3	S63 and (multiple or plural) near modulator\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 09:47

S65	28	(parallel near (transmitting or transmission)) near (serial adj data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 09:50
S66	0	S65 and (different or plural or multiple) adj frequenc\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 09:53
S67	0	raghauan.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 09:54
S68	17	sreen.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 09:54
S69	4	S68 and parallel near data	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:00
S70	236	370/278.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:00
S71	1	S70 and (parallel near (transmitting or transmission)) with (serial adj data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:03
S72	318	370/431.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:05
S73	1	S72 and (parallel near (transmitting or transmission)) with (serial adj data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:04
S74	194	370/464.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:05
S75	0	S74 and (parallel near (transmitting or transmission)) with (serial adj data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:06
S76	799	370/480.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:07

S77	0	S76 and (parallel near (transmitting or transmission)) with (serial adj data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:07
S78	15023	370/478-535.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:07
S79	8	S78 and (parallel near (transmitting or transmission)) with (serial adj data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:31
S80	3	S79 and (different or plural or multiple) adj frequenc\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:08
S81	2	S80 and @ad<="20010711"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:25
S82	2855	370/532-545.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:22
S83	5	S82 and (parallel near (transmitting or transmission)) with (serial adj data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:24
S84	2	S83 and @ad<="20010711"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:28
S85	12	parallel adj code adj (transmission or transmitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:29
S86	9	S85 and @ad<="20010711"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:29
S87	0	S86 and differential	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:29
S88	229	370/536.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:31

S89	15	S88 and (parallel near (transmitting or transmission))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 12:58
S90	1	S89 and (different or plural or multiple) adj frequenc\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 10:31
S91	8	"6330252".pn. "5303261".pn. "6496540".pn. "5426644".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 12:59
S92	4	(US-6496540-\$ or US-6330252-\$ or US-5426644-\$ or US-5303261-\$).did.	USPAT	OR	OFF	2004/11/24 13:14
S93	497	375/242.ccls.	USPAT	OR	OFF	2004/11/24 13:03
S94	5	S93 and (parallel near (transmitting or transmission))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:06
S95	5	S94 and @ad<="20010711"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:06
S96	0	S95 and bit adj2 load\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:07
S97	0	S95 and bit adj2 allocat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:07
S98	5	S95 and encod\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:08
S99	473	341/59.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:06
S10 0	8	S99 and (parallel near (transmitting or transmission))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:32
S10 1	8	S100 and @ad<="20010711"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:08

S10 2	0	S101 and bit adj2 load\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:07
S10 3	0	S100 and bit adj2 allocat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:07
S10 4	8	S101 and encod\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:08
S10 5	0	S92 and digital adj filter\$1	USPAT	OR	OFF	2004/11/24 13:15
S10 6	1	S92 and filter\$1	USPAT	OR	OFF	2004/11/24 13:15
S10 7	9	("3577142" "3594560" "3980826" "4486739" "4710922" "5301196" "5457718" "5648776" "5757807").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/24 13:15
S10 8	1191	(parallel near (transmitting or transmission))and differential	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:33
S10 9	1191	(parallel near (transmitting or transmission)) and differential	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:33
S11 0	83	S109 and digital adj filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:33
S11 1	77	S110 and @ad<="20010711"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:34
S11 2	47	S111 and digital adj2 analog	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:34
S11 3	21	S112 and map\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 14:00
S11 4	16	S113 and copper or coaxila	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:36

S11 5	325005	S113 and copper or coax\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:35
S11 6	1	S113 and (copper or coax\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:35
S11 7	7829	bits with (lower and higher)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 14:01
S11 8	259	S117 and carrier adj frequenc\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 14:01
S11 9	4	S118 and parallel adj (transmission or transmit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 14:02
S12 0	2	S119 and @ad<="20010711"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 14:05
S12 1	3	bits with (lower adj carrier adj frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 15:59
S12 2	235	mapper with filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 17:01
S12 3	174	S122 and @ad<="20010711"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 17:01
S12 4	71	S123 and digital adj2 analog	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 16:00
S12 5	16	S124 and (copper or coax\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 17:01
S12 6	2	S125 and parallel with (transmission of transmitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 17:00

S12 7	2459	parallel with (transmission of transmitting) and (input adj (buffer\$1 or register\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 17:00
S12 8	368	S127 and (copper or coax\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 17:01
S12 9	121	S128 and mapp\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 17:01
S13 0	94	S129 and @ad<="20010711"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 17:01
S13 1	13	S130 and modulators	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 17:03
S13 2	0	S131 and buffer near demodulaor\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 17:04
S13 3	0	S131 and buffer near demodulator\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 17:04
S13 4	0	S131 and buffer near receiver	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 17:04
S13 5	0	S128 and buffer near demodulator\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 17:04
S13 6	6	S128 and buffer near receiver	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/24 17:04
S13 7	2	"5387927".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/09 14:21
S13 8	2	"6407843".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/09 14:25

S13 9	1516	receiver with (down adj converter\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/09 14:26
S14 0	228	receiver with (down adj converter\$1) with filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/09 14:26
S14 1	0	S140 and analog adj2 converter\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/09 14:34
S14 2	0	S140 and analog adj2 digital	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/09 14:34
S14 3	144	S140 and analog adj2 digital	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/09 14:34
S14 4	2	S143 and equalizer with trellis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/09 14:37
S14 5	1	S143 and equalizer with encoder\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/09 14:36
S14 6	39	S143 and transmission adj (channels or bands or carriers or frequencies)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/09 14:38
S14 7	17	S146 and @ad<="20010711"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/09 14:39
S14 8	170017	(back adj2 plane) (optical adj switch\$3) (routing) (chip adj2 chip adj communication\$1) (network\$ adj switch\$3) (SERDES)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/10 08:41
S14 9	170515	(back adj2 plane\$1) (optical adj switch\$3) (routing) (chip adj2 chip adj communication\$1) (network\$ adj switch\$3) (SERDES)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/10 08:42
S15 0	320	S149 and receiver\$1 with ((multiple or plural) adj (channel\$1 or frequenc\$3 or carrier\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/10 08:43

S15 1	215	S150 and @ad<="20010711"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/10 08:44
S15 2	15	S151 and ((down adj convert\$3) with filter\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/10 08:44
S15 3	6	(US-20020098796-\$).did. or (US-6603822-\$ or US-6594322-\$ or US-6535715-\$ or US-6279158-\$ or US-6052582-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:12
S15 4	44	(down adj2 convert\$3) with (sin\$1 and cosine)	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:38
S15 5	0	S154 and quadrature	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:13
S15 6	33	S154 and quadrature	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:13
S15 7	16	S150 and multip\$3 with (sin\$1 or cosine)	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:13
S15 8	3	S156 and multip\$3 with (sin\$1 or cosine)	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:13
S15 9	38	(down adj2 convert\$3) with ((in adj2 phase) and quadrature)	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:38
S16 0	0	S159 and (in adj2 phase) with cosine	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:39
S16 1	0	S159 and (in adj2 phase) with sine	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:39
S16 2	1	S159 and ("in-phase") with sine	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:39
S16 3	0	S159 and ("in-phase") with coine	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:39
S16 4	1	S159 and ("in-phase") with cosine	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:47
S16 5	31	(down adj2 convert\$3) and ((in adj2 phase filter) and (quadrature adj filter))	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:51
S16 6	2	S165 and "20010711"	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:52
S16 7	27	S165 and @ad<="20010711"	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:50
S16 8	68	"27" and (in adj2 phase) with (cosine)	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:49
S16 9	0	S167 and (in adj2 phase) with (cosine)	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:52
S17 0	0	S167 and (in adj2 phase) with (sine)	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:53

S17 1	23	(down adj2 converter\$1) and ((in adj2 phase filter) and (quadrature adj filter))	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:51
S17 2	21	S171 and @ad<="20010711"	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:53
S17 3	0	S172 and (in adj2 phase) with (cosine)	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:52
S17 4	0	S172 and (in adj2 phase) with (sine)	US-PGPUB; USPAT	OR	OFF	2004/12/10 10:53
S17 5	773	transmission adj system with (plurality with receiver\$1)	US-PGPUB; USPAT	OR	OFF	2005/06/20 18:31
S17 6	27	S175 and down adj convert\$3	US-PGPUB; USPAT	OR	OFF	2005/06/20 18:31
S17 7	10	S176 and analog adj2 digital	US-PGPUB; USPAT	OR	OFF	2005/06/20 18:31
S17 8	6	S177 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2005/06/20 18:56
S17 9	1438	serdes or (serial with deserializer)	US-PGPUB; USPAT	OR	OFF	2005/06/20 18:55
S18 0	1475	serdes or (serializer with deserializer)	US-PGPUB; USPAT	OR	OFF	2005/06/20 18:55
S18 1	11	S180 and down adj2 converter	US-PGPUB; USPAT	OR	OFF	2005/06/20 18:55
S18 2	9	S181 and analog adj2 digital	US-PGPUB; USPAT	OR	OFF	2005/06/20 18:55
S18 3	2	S182 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2005/06/20 18:56
S18 4	262	backplane and serdes	US-PGPUB; USPAT	OR	OFF	2005/06/21 12:37
S18 5	79	S184 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2005/06/21 12:42
S18 6	2	S185 and down adj2 converter	US-PGPUB; USPAT	OR	OFF	2005/06/21 12:41
S18 7	3912	receiver\$1 with (transmission adj (bands or frequenc\$3 or channel\$1))	US-PGPUB; USPAT	OR	OFF	2005/06/21 12:42
S18 8	135	S187 and down adj2 converter\$1	US-PGPUB; USPAT	OR	OFF	2005/06/21 12:42
S18 9	87	S188 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2005/06/21 12:43
S19 0	0	S189 and analog with digital	US-PGPUB; USPAT	OR	OFF	2005/06/21 12:43
S19 1	50	S189 and analog with digital	US-PGPUB; USPAT	OR	OFF	2005/06/21 13:06
S19 2	11	S191 and equalizer	US-PGPUB; USPAT	OR	OFF	2005/06/21 12:43

S19 3	36	S189 and analog adj2 digital	US-PGPUB; USPAT	OR	OFF	2005/06/21 13:46
S19 4	1	"6804497".pn.	US-PGPUB; USPAT	OR	OFF	2005/06/21 14:13
S19 5	1	"20040106380"	US-PGPUB; USPAT	OR	OFF	2005/06/21 14:13
S19 6	9	"20040106380" "20040137941" "20030017809" "20020086651" "20020039052" "20030054782" "20020162023" "20040121753" "20040091028"	US-PGPUB; USPAT	OR	OFF	2005/06/21 14:16
S19 7	469961	wo "9945683"	US-PGPUB; USPAT	OR	OFF	2005/06/22 16:45
S19 8	0	"9945683"	US-PGPUB; USPAT	OR	OFF	2005/06/22 16:45
S19 9	2	"99/45683"	US-PGPUB; USPAT	OR	OFF	2005/06/22 16:47
S20 0	418	rowan.in.	US-PGPUB; USPAT	OR	OFF	2005/06/22 16:48
S20 1	1	"5079770".pn.	US-PGPUB; USPAT	OR	OFF	2005/06/22 16:48
S20 2	12249	plurality with receivers	US-PGPUB; USPAT	OR	OFF	2005/06/22 16:48
S20 3	238	S202 and down adj converter	US-PGPUB; USPAT	OR	OFF	2005/06/22 16:49
S20 4	130	S203 and analog adj2 digital	US-PGPUB; USPAT	OR	OFF	2005/06/22 16:49
S20 5	34	S204 and equalizer	US-PGPUB; USPAT	OR	OFF	2005/06/22 16:49
S20 6	17	S205 and decoder	US-PGPUB; USPAT	OR	OFF	2005/06/22 16:50
S20 7	9	S206 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2005/06/22 16:50
S20 8	5673	plurality adj1 receiver\$1	US-PGPUB; USPAT	OR	OFF	2005/06/24 17:32
S20 9	0	S208 and (plurality adj1 (transmission adj (channel\$1 or band\$1 or carrier\$1)))	US-PGPUB; USPAT	OR	OFF	2005/06/24 17:33
S21 0	37	S208 and (plurality adj1 (transmission adj (channel\$1 or band\$1 or carrier\$1)))	US-PGPUB; USPAT	OR	OFF	2005/06/24 17:34
S21 1	37	S210 and (@ad<="20010711" or@pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2005/06/24 17:34
S21 2	26	S210 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:38

S21 3	0	S212 and down adj1 converter	US-PGPUB; USPAT	OR	OFF	2005/06/24 17:35
S21 4	0	S212 and down adj1 convert\$1	US-PGPUB; USPAT	OR	OFF	2005/06/24 17:35
S21 5	4	(US-6498625-\$ or US-6259745-\$ or US-4679225-\$ or US-3988528-\$).did.	USPAT	OR	OFF	2005/06/24 17:44
S21 6	561	receiver with ((down adj1 converter) and filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/24 17:45
S21 7	36	S216 and ((analog adj1 digital) and equalizer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/24 17:46
S21 8	27	S217 and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/24 17:46
S21 9	17	S218 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2005/06/24 18:36
S22 0	2	99/45683	US-PGPUB; USPAT	OR	OFF	2005/06/24 18:38
S22 1	1	"6163563".pn.	US-PGPUB; USPAT	OR	OFF	2005/06/24 18:40
S22 2	419	rowan.in.	US-PGPUB; USPAT	OR	OFF	2005/06/24 18:40
S22 3	3	S222 and trellis adj decoder	US-PGPUB; USPAT	OR	OFF	2005/06/24 18:40
S22 4	7	(US-3988528-\$ or US-4679225-\$ or US-5802079-\$ or US-5828954-\$ or US-6259745-\$ or US-6498625-\$ or US-6567475-\$).did.	USPAT	OR	OFF	2005/06/25 10:27
S22 5	561	receiver with ((down adj1 converter) and filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/19 18:30
S22 6	36	S225 and ((analog adj1 digital) and equalizer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/25 10:29
S22 7	27	S226 and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/25 10:29
S22 8	17	S227 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:29

S22 9	6	"6529303".pn. "6163563".pn. "6407843".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/25 10:35
S23 0	0	S229 and plurality adj1 (receivers)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/25 10:36
S23 1	5673	plurality adj1 receiver\$1	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:37
S23 2	37	S231 and (plurality adj1 (transmission adj (channel\$1 or band\$1 or carrier\$1)))	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:37
S23 3	26	S232 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:50
S23 4	68	receiver with ((down adj1 converter) and equalizer)	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:52
S23 5	28	S234 and ((analog adj1 digital) and equalizer)	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:53
S23 6	68	receiver with ((down adj1 converter) and equalizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/25 10:53
S23 7	564	receiver with ((down adj1 converter) and filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/25 10:53
S23 8	36	S237 and ((analog adj1 digital) and equalizer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/25 10:53
S23 9	27	S238 and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/25 10:54
S24 0	17	S239 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/25 11:03
S24 1	6253	plurality adj1 receiver\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/25 11:02
S24 2	38	S241 and (plurality adj1 (transmission adj (channel\$1 or band\$1 or carrier\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/25 11:03

S24 3	38	S241 and (plurality adj1 (transmission adj (channel\$1 or band\$1 or carrier\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/25 11:03
S24 4	27	S243 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/25 11:04
S24 5	0	receiv\$3 with ((down adj1 conver\$4) and fliter and (a adj2 d) and equaliz\$3)	US-PGPUB; USPAT	OR	OFF	2006/01/11 17:05
S24 6	135	receiv\$3 with ((down adj1 conver\$4) and filter and (a adj2 d) and equaliz\$3)	US-PGPUB; USPAT	OR	OFF	2006/01/11 17:06
S24 7	86	S246 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:34
S24 8	4	S247 and multi adj2 carrier	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:28
S24 9	7	(US-3988528-\$ or US-4679225-\$ or US-5802079-\$ or US-5828954-\$ or US-6259745-\$ or US-6498625-\$ or US-6567475-\$).did.	USPAT	OR	OFF	2006/01/11 17:10
S25 0	65079	plurality with receiver\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/11 18:11
S25 1	13332	plurality adj2 receiver\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/11 18:11
S25 2	384	plurality adj2 receiver\$1 with (fibre or fiber or optic\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/11 18:12
S25 3	7322615	8and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:12
S25 4	216	S252 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:13
S25 5	1	S254 and multi adj1 carrier	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:34
S25 6	1	"6865232".pn.	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:28

S25 7	52115	S256 and ftn or fibre	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:28
S25 8	1	S256 and (ftn or fibre)	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:32
S25 9	7	("5400322" "5479447" "5652772" "5867528" "6064692" "6072779" "6370156").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/11 18:30
S26 0	2788	(fibre or fiber or optic\$3) and (plurality adj1 (receiver\$1 or transceiver\$1))	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:33
S26 1	531	(fibre or fiber or optic\$3) with (plurality adj1 (receiver\$1 or transceiver\$1))	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:33
S26 2	289	S261 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2006/01/11 19:06
S26 3	2	S262 and multi adj1 carrier	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:37
S26 4	1661	S260 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:37
S26 5	27	S264 and multi adj1 carrier	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:51
S26 6	2	serdes with (plurality adj1 (receiver\$1 or transceiver\$1))	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:52
S26 7	7729	backplanewith (plurality adj1 (receiver\$1 or transceiver\$1))	US-PGPUB; USPAT	OR	OFF	2006/01/11 19:06
S26 8	15	backplane with (plurality adj1 (receiver\$1 or transceiver\$1))	US-PGPUB; USPAT	OR	OFF	2006/01/11 19:05
S26 9	45	fiber with multi adj2 carrier	US-PGPUB; USPAT	OR	OFF	2006/01/11 19:06
S27 0	20	S269 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2006/01/11 19:06
S27 1	0	S270 and (plurality adj1 (receiver\$1 or transceiver\$1))	US-PGPUB; USPAT	OR	OFF	2006/01/11 19:07
S27 2	12	S270 and (receiver\$1 or transceiver\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/11 19:10
S27 3	10	"6529303".pn. "4679225".pn. "5822368".pn. "6259745".pn. "5079770".pn. "4710922".pn. "5293378".pn. "6496540".pn. "6462679".pn. "5838268".pn.	US-PGPUB; USPAT	OR	OFF	2006/01/11 19:11
S27 4	0	"single adj1 transmission adj1 medium"	US-PGPUB; USPAT	OR	OFF	2006/01/12 11:49
S27 5	0	"single adj1 transmission adj1 medium"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 11:49

S27 6	1212	single with transmission adj1 medium	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 11:49
S27 7	17	S276 and (fibre or optic\$3 or fiber) near2 ((plural\$3 or multiple) with (receiver\$1 or transceiver\$1))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 11:54
S27 8	14	S277 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 11:59
S27 9	0	S278 AND MULTI ADJ1 CARRIER\$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 12:00
S28 0	0	S278 and multi adj2 (carrier)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 12:00
S28 1	6	S278 and multiple with (frequec\$3 or channel\$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 12:00
S28 2	6	S278 and multiple with (frequec\$3 or channel\$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 15:02
S28 3	6	phase adj2 rotator with ((a adj1 d) and equalizer)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 15:04
S28 4	4	S283 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 15:08
S28 5	56	off adj1 set with (down adj1 convert\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 15:08
S28 6	26	S285 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 17:11
S28 7	0	S286 and adaptive with rotator	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 16:20
S28 8	0	S284 and adaptive with rotator	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 16:20
S28 9	0	S284 and adaptive near rotator	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 16:20
S29 0	0	S284 and adaptive near2 rotator	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 17:10
S29 1	1282	amplif\$4 with (in adj2 phase)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 17:10

S29 2	478	amplif\$4 with (in adj1 phase)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 17:11
S29 3	94	S292 and amplif\$4 with (quadrature)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 17:11
S29 4	54	S293 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 17:38
S29 5	21	S294 and (a adj1 d)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 17:38
S29 6	48	phase adj rotat\$3 with expression\$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 17:38
S29 7	35	S296 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/12 17:39
S29 8	2	phase adj rotator with (adaptive\$3 with parameter\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/19 18:07
S29 9	1	"5822368".pn.	US-PGPUB; USPAT	OR	OFF	2006/01/17 17:06
S30 0	1	"6259745".pn.	US-PGPUB; USPAT	OR	OFF	2006/01/17 17:06
S30 1	24	phase adj rotator with (parameter\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/17 17:12
S30 2	8	S301 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2006/01/17 17:13
S30 3	24	phase adj rotator with (parameter\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/19 11:47
S30 4	8	S303 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:27
S30 5	6	S304 and (adaptive\$3 or adjust\$4 or automatic) with phase adj rotator with (parameter\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:01
S30 6	405	offset with rotator	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:01
S30 7	19	offset with (rotator and equalizer)	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:02
S30 8	14	S307 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:07
S30 9	69698	amplif\$3 with ((a adj2 d) or analog)	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:08
S31 0	3999	amplif\$3 with ((a adj2 d) or analog) and (in adj2 phase)	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:11

S31 1	3152	amplif\$3 with ((a adj2 d) or analog) and ((in adj2 phase) and filter\$3)	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:28
S31 2	2040	S311 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:12
S31 3	206	S312 and (down adj2 convert\$3)	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:13
S31 4	81	S313 and phase with gain	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:13
S31 5	64	S314 and (agc or automatic)	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:26
S31 6	141	down adj2 convert\$3 with (pll and filter\$3)	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:26
S31 7	77	S316 and (@ad<="20010711" or @pd<="20010711")	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:27
S31 8	61	S317 and ((a adj2 d) or analog)	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:27
S31 9	12	S317 and ((a adj2 d) or analog) and ((in adj2 phase) and filter\$3)	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:28